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| FORM PTO-1390<br>MODIFIED   | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER<br><b>540-537</b>                              |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |   | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br><b>10/517,257</b> |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/GB2004/004670</b>   | INTERNATIONAL FILING DATE<br><b>4 November 2004</b>     | PRIORITY DATE CLAIMED<br><b>7 November 2003</b>                         |
| TITLE OF INVENTION<br><b>FORMING NANOSTRUCTURES</b>   |   |   |
| APPLICANT(S) FOR DO/EO/US<br><b>HAQ et al</b>   |   |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |   |
| <p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The U.S. has been elected (Article 31).</p> <p>5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is attached hereto (      pages specification, claims &amp; abstract (      claims),      sheets drawings).</p> <p>b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> is attached hereto (      pages specification, claims &amp; abstract (      claims),      sheets drawings,      page Certificate of Translation).</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (      page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> |   |   |
| <p><b>Items 11 To 20 below concern document(s) or information included:</b></p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. a. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>b. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information. Submission of Replacement Drawings</p>   |   |   |

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| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br><b>10/517,257</b>   | INTERNATIONAL APPLICATION NO.<br><b>PCT/GB2004/004670</b> | ATTORNEY'S DOCKET NUMBER<br><b>540-537</b>                                    |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:   |   |   |
| <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b>   |   |   |
| <input type="checkbox"/> a) Basic national fee .....\$300.00 (1631)/\$150.00 (2631)<br><input type="checkbox"/> b) Examination Fee .....\$200.00 (1633)/\$100.00 (2633)<br><input type="checkbox"/> c) Search Fee .....\$500.00 (1632)/\$250.00 (2632)  |   |   |
| <b>TOTAL OF ABOVE CALCULATIONS</b> .....\$1000.00/\$500.00  |   |   |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |   |   |
| Total Sheets  | Extra Sheets  | Number of each additional 50 or fraction thereof (round up to a whole number) |
| 0 -100  | 0 /50 =   | 0.00  |
| RATE  |   |   |
| \$0.00 (1681)   | \$  |   |
| \$0.00 (2681)   | \$  |   |
| Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).  |   |   |
| CLAIMS NUMBER FILED # EXTRA RATE  |   |   |
| Total Claims  | minus 20<br>=   | 0 X   |
| \$50.00 (1615)/   | \$25.00 (2615)  | \$  |
| Independent Claims  | minus 3 =   | 0 X   |
| \$200.00 (1614)   | \$100.00 (2614)   | \$  |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable)  |   |   |
| \$360.00 (1616)/\$180.00 (2616)   |   |   |
| \$ 0.00   |   |   |
| Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)  |   |   |
| \$ 0.00   |   |   |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.   |   |   |
| Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).<br>+  |   |   |
| TOTAL NATIONAL FEE = \$ 0.00  |   |   |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property +   |   |   |
| \$ 0.00   |   |   |
| Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453)  |   |   |
| TOTAL FEES ENCLOSED = \$ 0.00   |   |   |
| Amount to be:<br>refunded      \$<br>Charged      \$  |   |   |
| a. <input type="checkbox"/> A check in the amount of \$0.00 to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees.<br>A duplicate copy of this form is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A <u>duplicate</u> copy of this form is enclosed.<br>d. <input type="checkbox"/> <b>CREDIT CARD PAYMENT FORM ATTACHED.</b><br>e. <input type="checkbox"/> The entire content of International Application No. PCT/GB2004/004670 and any U.S. and foreign application(s) corresponding thereto, and _____, referred to in this application is/are hereby incorporated by reference in this application.<br><b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.</b> |   |   |
| <b>CORRESPONDENCE ADDRESS</b><br>Direct all correspondence to:<br><input checked="" type="checkbox"/> Customer Number: <b>23117</b><br><small>Type Customer Number here</small>   |   |   |
| <br><b>Stanley C. Spooner</b><br>NAME<br>27,393      January 11, 2005<br>REGISTRATION NUMBER      Date  |   |   |
| Telephone: (703) 816-4000<br>SCS:kmm  |   |   |

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of  
HAQ et al

Serial No. 10/517,257

Confirmation No.

Atty Ref.: 540-537

Filed: December 7, 2004

TC/A.U.:

For: FORMING NANOSTRUCTURES

Examiner:

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January 11, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUBMISSION OF FORMAL DRAWINGS**

Sir:

Enclosed herewith are seven (7) sheet(s) of formal replacement drawings for the above-identified application.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: \_\_\_\_\_

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